# National Fisherman Index For 1976


## ACCIDENTS

Salvaged 76' Crabber May Answer Mystery ....Jan. 10-A
One Hundred Feet For A Friend .....Feb. 12-B
Gloucestermen Rescue Their Neighbors ....Mar. 20-A
Winter Boating Hazardous To Virginians .....Mar. 25-A
Grounded Soviet Trawler Poses Tug Of War ..Mar. 4-A
C.G. Helicopter Lost In Night Rescue .....May 21-A
Fire At Falkner Light Does Considerable Damage .....June 14-B
Tuna Seiner With Full Catch Lost At Mouth Of Columbia .....June 2-A
Four Escape Burning Lobsterboat .....Aug. 23-A
The Mystery Of The Joyita .....Nov. 24-B
C.G. Report Shows Hazard Of N. Pacific Crabbing (Credence).....Nov. 4-A
8 Lost As Charter Boat Capsizes Under Tow .....Dec. 18-A
Stormy Whale Pass Claims 8 As Salmon
Tender Sinks .....Dec. 19-A

## AQUACULTURE

Hard Work Pays Off For Maine Aquaculture ..Jan. 8-B
N.H. Program Brings Salmon Back East ..May 10-B
Clam Surveys, Aquaculture Keep Maritec Busy ..June 9-B
Mollusk Farmers Insure Abalone's Future....June 8-B
Marsh Scientist Warns Against Widespread Mariculture .....Sept. 6-B

## BOATBUILDING

Robert Meier's Ferro-Cement Proa .....Jan. 7-C
Rittal and Hamlin Combine Talents On Cat Cruiser .....Jan. 13-C
Tiny Tugs Can Bite Off A Big Chew .....Jan. 6-C
Rugged 37' Fishing Hull Makes Super Pilot Boat .....Feb. 1-C
Steering Gear Needs Regular Maintenance .....Feb. 6-C
Simplicity Key To Building Schooner in Belize ..Feb. 14-C
Choose Right Propeller Diameter With Test-Based Chart.....Feb. 16-C
Old Types Reappear in Modern Wood Construction .....Feb. 12-C
New Boatyard In Striking Locations.....Feb. 23-C
Chainsaw Mill Turning Driftwood Into Trawler .....Feb. 20-C
Bilge Keels Expected To Fix Ferry Steamer's 'Snap Roll' .....Mar. 22-C
Sawdust-Polyester Plastering Basis Of Operation .....Apr. 22-C
Boondocks Boat Shop Turning Out Worthy Boats .....Apr. 1-C
A Lobsterboat Built Like A Yacht .....Apr. 10-C
Skipjack By Truslow Is A Chapelle Design ..May 17-C
Building A Backyard Dragger .....May 3-A
Hurricane Gamble Paying Off For Don Chason..May 10-C
Finnish-Built 98' Unicorn Undergoes Refit ....May 16-C
Age Of Sail Returns On West Coast Fishing Boats .....June 1-C
Riches Of Mt. Desert Among Maine's Best-Known Builders .....June 4-C
If Your Don't Like What's Offered, Build Your Own .....June 5-C
Second Generation Yard Builds Viking Longboat .....June 3-A
Ervin Jones Wraps Up Two Boats In Eight Days .....June 19-C
Jack Henriques' Experience Is Built Into His Powerboats.....July 11-C
Fisherman Continues Old Tradition .....July 7-C
Gamage Wraps Up Work On Passenger Ship ..July 15-C
They Hoist 'Em Over The Fence In Edmonds ..July 3-A
Waldoboro Man Takes Over Nelson Webber Lobsterboat .....Aug. 7-C
New Maine Firm Going After Small Wood Skiff Market.....Aug. 11-C
Little Catboat Production Purring .....Aug. 13-C
Fiberglass Boatbuilder Preserves Craftsmanship In Wood .....Aug. 12-C
Power Of Wind Is Evident In Huge Boom Fittings .....Sept. 20-C
Mainer, Texan Find Bond In Matinicus Double-Ender .....Sept. 14-C
F-G Fishboat Survey Teaches Essential Lessons .....Oct. 17-C
Maine Boatbuilder Shows High Standards .....Oct. 12-C
Building Boats the Wingate Way .....Oct. 16-C
Cruising Ketch from Ferro-Boat Completed By Owner .....Oct. 20-C
Faeroese Lapstrake Boat Built For Nordic Week .....Oct. 14-C
IMCO Convention May Hit Builders, Boatowners .....Nov. 18-A
Boatbuilding Wood Supply Shrinks; Prices Higher .....Nov. 20-A
Md. Builder Details Dory Hot-Dip Galvanizing Process .....Nov. 14-B
Western Dragger Built By Brothers Who Learned By Watching .....Nov. 3-B
Maine Yard Prospers By Changing With Times .....Nov. 23-B
Florida Builder Sought For Shoddy Practices .....Dec. 23-A
Whiticars Have Built Reputation In Fishing Boats.....Dec. 10-C

## CLAMS

Green Crab Infestation Threat to N.E. Clams .....Mar. 8-B
N.J. Sea Clammers Upset By New Size Rules ..Mar. 24-A
N.J. Clammers May Get More Fishing Area ..May 15-A
Bay State Wrestles With Problem Of Seed Clam Size .....May 18-A
Dredges Seen OK On Some S.C. Grounds .....Aug. 2-B

## COAST GUARD

Suit Charges C.G. Cop-Out On Tankers.....May 9-B
Who's Boss Of Lake Winnipesaukee? ....June 2-B
Coast Guard To Redefine Buoy Purpose .....July 9-B
Coast Guard Sued For Loss Of Shrimper ..Sept. 3-A

## CO-OPS

Co-op Sustains Economy Of Canadian Village ....Jan. 7-B
After A Year, Fla. Co-op In Top Condition ....Apr. 10-B
Cape Cod Fishermen Bury Hatchet .....July 13-A

## CONSERVATION

Newfoundland Seal Hunt Again Stirs Uproar ..Apr. 2-B
ICNAF Saves Herring Stock, But Who Gets It? .....May 26-A
Quirk In Law Baffles Alaskans Fighting Clear-Cutting.....June 14-A
West Coast Swordfish 'Disappear' .....Dec. 9-A

## CRABS

Crab Fishery Starts Strong In Westport .....Mar. 10-A
King Crab Closure Seen Necessity.....Apr. 5-B
Big Dungeness Crab Catch Causing Big Problems .....June 10-A
Chesapeake Crab Situation Bleak .....Aug. 10-A
Eel Grass Decline Hurts Chesapeake Crabbing .....Sept. 7-B
Escape Rings May Save Millions Of Crabs ....Oct. 3-B

## DESIGN

A Little Pram.....Jan. 4-C
Monroe's Auxiliary Everything A Cruiser Should Be.....Jan. 8-C
Taking Life Easy Aboard A Kingston Lobsterboat .....Jan. 10-B
Small Double-Ender For Serious Cruising ....Jan. 9-C
Texas Scooter Needs Only Gas And Deep Dew ..Jan. 10-C
46' Sailing Schooner Can Be Pleasure Or Commercial .....Jan. 14-C
Lovely 23' Cruiser Has Deepwater Ability ..Feb. 8-C
Pilot Boat Reflects Long Period Of Refining ..Feb. 19-C
30' Knockabout Schooner Bears Likeness To Famous Fisherman .....Mar. 10-C
Ancient Indian Dhow Design Takes Shape In Ferro-Cement ....Mar. 12-C
High Bulwarks, Forward Shelters May Be Trouble On Fishboats.....Mar. 13-C
Odd Appearance Belies Ability Of Aluminum Lobsterboat .....Mar. 1-C
Fla. Firm Puts Fishing First In New Boat Line .....Mar. 14-C
Tahiti For Texans Built In Far East .....Mar. 15-C
New British Lifeboat Is Fast, But Her Class Comes Dearly .....Mar. 21-C
Hatches, Doors Can Be Vessel's Weak Link ..Apr. 6-C
Billy Deed's Hunting Cabin Launch Revived .....Apr. 8-C
New Craft From England: Yacht or Workboat? .....Apr. 12-C
Concordia Yawl Close To Perfection As Cruiser .....Apr. 16-C
4-Point Suspension Boat Fast Economical ....Apr. 21-C
Rugged Hull, Atomic 4 Mark Traditional Launch .....May 1-C
Topsail Schooner Swift Is Touch Of The Past ..May 8-C
Bill Garden's Rain Bird: Swift, Fast, Weatherly .....June 10-C
40' Fishing Vessel Designed For Engine Aft .....June 11-C
British Pilot Boat Reflects 3-Way Seaworthiness .....June 16-C
Beam Ketch Shows Range Of Art Paine .....June 21-C
Inshore Fishboat Designed With Third World Needs In Mind .....June 13-C
62' Fiberglass Mackerel Boat Shows Speed ..June 8-C
Restored Sandbagger To Challenge Younger Craft .....July 6-C
Gaucho Is Fine Example Of Colin Archer Type .....July 16-C
Little Calculator Solves Tough Design Problem .....July 18-C
The Cat-Rigged Island Double-Ender .....Aug. 8-B
Itchen Ferry Boat — A Competent Inshore Craft .....Aug. 8-C
Fast Patrol Boat Designed By Hunt .....Sept. 1-C
Big Motorsailer Mirrors Maine Sardine Carrier .....Sept. 8-C
Lovely Norse Craft Showed Mastery Of Wood....Sept. 16-C
Careful Thought Goes Into One-Man Operation .....Sept. 19-C
Here's A Good Sail-Powered Fishboat .....Oct. 10-C
Jersey Sea Skiff Honored In Sea Bright .....Oct. 15-C
Prosperity, The Seiner That Spawned A Fleet .....Oct. 1-C
Famous Fishing Schooner Sired A Big Family..Nov. 8-B
Farmer Redraws Plans For Lovely Davis Yawl .....Nov. 12-B
Third Dredge Of Series Clamming Off Mid-Atlantic Coast .....Nov. 16-B
Fine-Lined Vessel Mr. Wind Has Sail-Power Capacity .....Nov. 22-B
Steiner Building Trawlers For N. Atlantic Service .....Nov. 1-B
W. Coast Designer Prefers Traditional Lines For Sloop.....Nov. 7-C
Amos Judd — A Ketch For All Seasons .....Dec. 8-C
Chesapeake Fiberglass Hull Adaptable To Several Fisheries .....Dec. 1-C
Junk-Rigged St. Pierre Dory Reveals Versatility Of Type .....Dec. 6-C

## EDUCATION

San Diego Co. Assisting International Fisheries .....Mar. 23-C
Youngsters Wind Up Major Boatbuilding Job ....Apr. 14-C
Wash. Boatbuilding School Teaches Wood, Plastics .....June 6-C
Maine Plans Marine Trade School .....July 2-B
Young Gloucestermen Learning The 'Easy' Way .....Aug. 9-C
Mystic Small Craft Workshop Has Full House .....Sept. 8-A
Maine School For Boatbuilders .....Sept. 6-C

## FISH EXPO

Rich Diversity Of Boston Awaits Expo Visitors .....Oct. 18-A
Another Door Prize For Fish Expo .....Oct. 29-A
Special Fish Expo Section .....Nov. 1-40-C

## FISHERIES MANAGEMENT

National Plan Would Remake Fisheries In U.S. .....Jan. 4-A
Gulf Experts Worry About Federal Control ....Feb. 5-B
NMFS Official Says



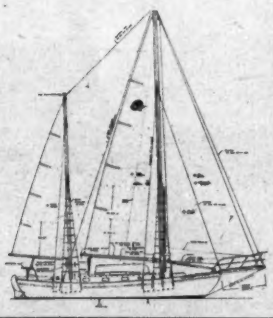
THE INGRID 38

HEAVY WEATHER CRUISING KETCH
Wm. Atkins design -- 1934
In high strength glass

Hull only $8,875.
All components necessary for a semi-complete boat.
Rig: Ketch or Cutter, Marconi and full head sail (2 versions of cutter). Mast height off deck: Main, 49'6", Mizzen, 33'10"

SPECIFICATIONS

| | |
|---|---|
| Length on deck | 37'8" |
| LWL | 32'0" |
| LOA (w/sprit, rudder) | 47'0" |
| Beam | 11'4" |
| Draft | 5'8" |
| Ballast | 8,000 lbs. |
| Displacement | 26,000 lbs. |



BLUE WATER BOATS, INC.
Box 625H
Woodinville, Wa. 98072
Yard (206) 486-5230
Evenings (206) 362-5428

Future's In Fishermen's Attitudes ..... Mar. 15-A
Wash. Buy-Back Plan Cuts Into Oversize Fleet .. Apr. 3-A
Members Being Sought For Fisheries Management Councils ..... June 22-A
Mich. Still Trying To Retire Last Of Commercial Fishermen ..... June 3-A
Regulation Of NW Trollers Is In Offing ..... June 2-B
NFI Meeting Hears Proposal For New Agency For Oceans ..... July 4-A
Wash. Buy-Back Off To A Ragged Start ..... July 12-A
Operation Of Regional Management Councils Described ..... Aug. 2-A
Regional Fisheries Management Council Members Named ..... Oct. 3-A
Fisheries Policy of 25 Strategies In Canadian Report ..... Oct. 5-B
Fishermen Speak Out In Texas ..... Oct. 21-A
Preliminary Catch Limits Set by NMFS As Management Nears ..... Nov. 3-A
Regional Councils Stir Up Action ..... Dec. 3-A


## JOHN GARDNER


Restoring Vintage Boats ..... Jan. 8-A
Appreciation Of Ships Should Parallel Preservation ..... Feb. 10-A
For Amateur Builder, H.I. Chapelle Still An Inspiration ..... Feb. 4-C
Plywood Construction Of Fishing Dories Detailed ..... Mar. 8-A
Handsome New Small Craft Carry On Workboat Heritage ..... Mar. 4-C
Clinker Construction Worth Builder's Consideration ..... Apr. 8-A
Clipper Nearing Completion; Tiny Pram Praised By Owner .. Apr. 4-C
Veteran Canoe Sailor Gives Leeboard Details .... May 8-A
Traditional Boats Being Produced In Wood, Glass ..... May 4-C
Things Couldn't Be More Promising For The Experience ..... June 8-A
Museum Experts Move To Place Small Craft In Proper Light ..... July 8-A
Boat Helped Make A Nation Out Of U.S. .. July 4-C
More Information On Verity Skiff Shows Boats Still Going ..... Aug. 8-A
Small Boats Important In Building Young Nation ..... Aug. 4-C
Full House Again As Traditional Small Boat Lovers Gather ..... Sept. 8-A
Sloop Loss At Sea Brings Warning ..... Sept. 4-C
Gardner Designs 14' Peapod For Home Builder .. Oct. 8-A
San Juan Islands Man Completes A Whitehall ..... Oct. 4-C
Peapod Planking Is Straightforward But Delicate ..... Nov. 8-A
Conn., L.I. To Battle Via Whaleboats 200 Years Later ..... Nov. 4-B
Excellent Foreign Glue Liked By U.S. Builders ..... Dec. 4-C


## GEAR & METHODS


Tilefish In The Gulf Stream ..... Feb. 1-B
Hydraulic Devices, Fish Finders Evaluated .. Feb. 3-B
4 Trawls Better Than 2 For Small Shrimper ..... Mar. 3-B
Gulf Built Trawler Sparks New Vessel Rush In N. Bedford ..... Mar. 8-C
Nova Scotian Fish Tally Shows Smaller Boats Make Money ..... Apr. 12-A
Blount May Try Helicopter From Fishing Vessel ..... Apr. 15-C
Schooner City Gets Her First Stern Trawler ..... Apr. 18-C
S.C. Man Testing Feasibility Of Winter Trawl ..... Apr. 11-A
Treated Tires That Float ..... Apr. 12-B
When Gear Testing's Needed, Brown's Navy Is There ..... May 1-B
Once Busy Gillnet Art Fading In Gloucester ..... May 4-B
Stern Seining Would Prevent Porpoise Deaths, Says Puretic ..... June 3-A
To Most Fishermen, They're Just Those G/$%! Dogfish! .... June 10-B
Eye In The Sky Fishing ..... Aug. 1-B
Automatic Poles Put Old Method In New Light ..... Aug. 4-B
Replaceable Parts Major Asset Of Plastic Lobster Trap ..... Aug. 13-B
Electronics Make Navigator's Life Easier .. Sept. 10-B
New Team-Effort Boats In Use ..... Sept. 3-C
Canadian Tries New Boat and Gear ..... Sept. 1-C
Zapata Joins In Major Mexican Fish Operation ..... Sept. 34-A
Boats And Fishing In Bayou Country ..... Oct. 9-C
Maryland Dredge Used In Maine For Mussel Harvest ..... Oct. 2-B
Gloucestermen Change Over To Scalloping .. Dec. 12-A


(Continued on Page 163)

The GT-5500 is not just another pretty package. It's one of the toughest built, best designed commercial VHF's on the market today.

And we're got the guts to prove it. Guts like 55 transmit channels, 76 receive and the option for full remote capability. Guts like solid state electronic components indestructably imbedded in a single, molded piece of non-ferrous metal.

Guts.

Along with functional design like pushbutton channel selection and L.E.D. readout, they make Gemtronics GT-5500 the state-of-the art in commercial VHF.

Look into it.

At your nearest Gemtronics dealer or write to:

GEMTRONICS
A Kayot Company.
356 South Boulevard
Lake City, South Carolina 29560

WE'VE GOT THE GUTS TO SHOW YOU THAT AT UNDER $750. WE'RE THE BEST.

## HALIBUT

Halibut Catch Raises Fishermen's Hopes ..Apr. 26-A
Little Halibut Fleet Scores Big In Brief Bering Sea Venture .....July 28-A
Pacific Halibut Bring Highest Prices Ever .....Sept. 2-A

## HISTORY

Tall Tales And The Old Days At Chatham Pier .....Oct. 11-B
Tough, Curvaceous Snow Schooners Were Classics .....Dec. 1-B
Archaeologists Given Details Of 4000-Year-Old Ship .....Dec. 16-C
Demand For Wood Ships Brought Yards, Workmen Together ..Dec. 12-C

## LAW

Mass. Legislators Propose Financial Aid To Fishermen .....Mar. 2-B
Fla. Fish Buyers Convicted Of Fixing Prices ....June 4-A
Fine Of 16 Fla. Fishermen Points Up Waterways Issue.....June 2-B
Virginians Fight To Save Two Fishing Laws ..Sept. 26-A
Netting Again Banned In Biscayne Bay .....Sept. 18-A
Two Fishermen Indicted For Smuggling Pot..Sept. 18-A

## LIMITS

Congress In No Rush On 200 Miles .....Jan. 3-A
Partial USSR Settlement Too Late To Help ....Jan. 15-A
Poles Claim Ship Illegally Seized .....Jan. 24-A
Iceland And Britain In Cod War Again .....Feb. 3-A
Foreign Vessels' Record Shows Continued Push .....Feb. 13-A
British Pogy Firm Wants To Fish Va. Waters .....Feb. 19-B
200-Mile Bill Continues To Wend Its Way .....Mar. 2-A
Foreign-Owned Menhaden Fleet Can Fish Va. Waters.....Mar. 19-A
Atlantic Seizures Hit $1.6 Million In '75 .....Mar. 3-A
200-Mile Fisheries Limit All But A Reality ....Apr. 2-A
Soviets Pay N.J. Lobstermen .....Apr. 29-A
200-Mile Threat Has Foreign Fleet Working .....May 34-A
Trouble Brewing Over Control Of Cortez Bank .....May 4-A
Licenses Fail To Pay Way For Tunamen.....May 13-A
Tupper Asks Ford To Quit ICNAF Soon .....June 3-A
Alaska Supreme Court Gives State Control Beyond Fishing Limit .....June 15-A
Rush Underway To Leave ICNAF.....July 3-A
200-Mile Zone Planning Still Disorganized .....July 14-A
Supreme Court To Decide Fisheries Control Inside Three Miles .....July 7-B
Maneuvers Underway On ICNAF, 200 Miles....Aug. 12-A
Peace Reigns As Cod War Truce Signed .....Aug. 20-A
Texas Boats Face Trouble With Mexico .....Aug. 4-A
Japanese Trawler Fined $700,000 .....Aug. 4-A
Alaskan Supreme Court Upholds Limited Entry .....Aug. 29-A
U.S., Canada Tell ICNAF Of Intent To Withdraw .....Sept. 3-A
U.S., Soviet Claims Board Awards $64,000.....Sept. 19-A
Japanese, Italian Boats Heavily Fined .....Oct. 29-A
Canadians Find Own Vessels Biggest Violators .....Oct. 40-C
Mexican License Rules Tough On Inshore Boats .....Oct. 2-A
So. Korean Longliners Ruining Sablefishing .....Oct. 16-A
Foreign Effort Phase-Out Goal Of Mexican Regulations.....Oct. 2-A
Alaska's Limited Entry Regulations Divide Fishermen .....Nov. 27-A
Slim Chance Seen For 200-Mile Limit By March 1 .....Dec. 5-A
Big Catch Keeps Shrimpers From Worrying About Mexico .....Dec. 10-A

## LOBSTER

Lobstermen's Laws Saving The Resource.....Jan. 26-A
Ex-Bahamas Lobstermen Miss Out On U.S. Aid .....Jan. 20-A
Sternman Issue May Be Laid To Rest For '76 .....Feb. 4-A
EDA Grant Inches Toward Fla. Fishermen ....Mar. 26-A
Maine Lobster Landings Finish As Expected .....Apr. 10-A
Florida Lobstermen Get Funds, But — .....June 18-A
Canada Maps Way To Improve Lobster Fishery .....Aug. 14-A


(Continued on next Page)

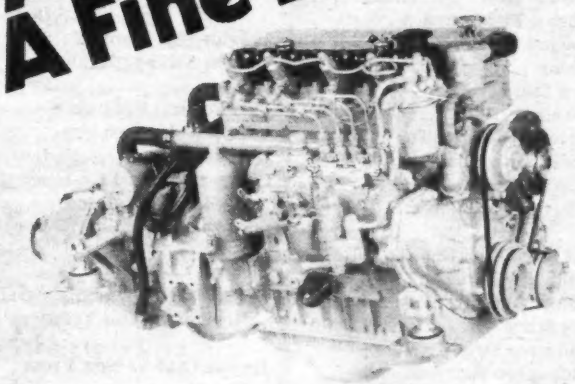

**Quality in Aluminum**

If you think high quality boat construction is dead because of the preponderance of mass-produced craft seen today please consider our product.

**Richard Irving, Boatbuilder**
Cushing, Maine 04563
Tel. 207-354-8089



**All Boats Need A Fine Engine**



**There Are No Exceptions**

All sailors understand the unique confidence a fine engine provides. Traditionally, diesel power has been first among seafarers, primarily because of its reliability, durability and economy.

Pisces diesel engines are new. The only totally new, completely modern diesel marine engines on the market. They combine the best of traditional diesel power, wedded to the finest modern marine engineering.

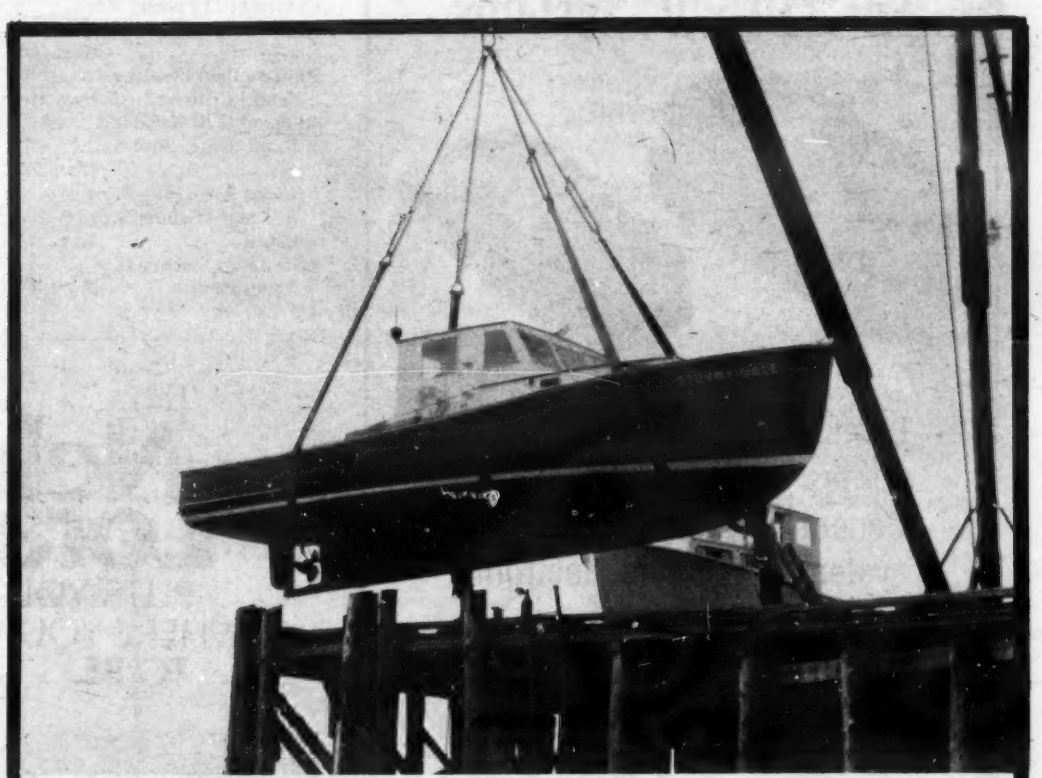
That means reliability by the most current standards, economy as valued in this era of fuel shortages, durability in a day when boats are run harder, longer and farther than ever, and quiet, smooth, running, virtually smokeless, trouble free performance made possible by a completely up-to-date systems integration.

Pisces provides the modern mariner with confidence. The most compact and powerful, the most modern and reliable diesel marine engines on the market. Available in 27, 40 and 60 h.p.

**PISCES**
DIESEL MARINE ENGINES
759 West 16th Street
Costa Mesa, CA 92627 (714) 642-7343

Call or write. We'll promptly supply appropriate information





**STORMY GALE — 32' Newman Workboat**
**Built for Bruce Fernald, Islesford, Maine**
32' LOA, 11' Beam, 3'6" Draft
Hull designed by Ralph Stanley

Built by:
**Jarvis Newman**
Southwest Hbr., ME
207/244-3860

Finished by:
**Lee Wilbur**
Manset, ME
207/244-5000

Trouble Flares On Crowded Lobster Grounds ....Aug. 15-A
Inshore Lobsterman Gambles Trying To Save Traps .....Sept. 23-A
Maine Lobstermen Urged To Expand Horizons .....Sept. 2-B
Mass. Lobstermen Warm To Limited Licenses .....Sept. 3-B
Lobstering, Then and Now .....Oct. 4-B
Sternman Issue Almost Sure To End In Fishermen's Favor .....Nov. 3-A

MARKETING

Fulton Fish Market Relocation Indefinitely Delayed .....Apr. 18-A
Pout As Food Fish May Boost N.E. Fisheries .....Apr. 3-B
Fulton Fish Market To Refurbish On Old Stand .....June 17-A
Fish Market Recovery Described In Report .....July 11-A
Good Market Develops For Salmon Roe ....July 6-B

MISCELLANEOUS

Porpoise Attacking Hooked Fish Irk Fla. Fishermen .....Jan. 3-B
Snapper Fishery Worries Gulf Experts .....Jan. 5-B
30' Sloop Protects Crew In Hurricane .....Jan. 11-B
Ore. Fishermen Stymied By Fungus In Fuel ..Jan. 2-B
Power Firm Compromises On Fishway .....Feb. 14-B
Sandy Hook Pilots Serve Long Apprenticeship .....Feb. 18-C
Commercial Fishery For Sharks Recommended .....Mar. 4-B
Plan To Boat Children To School Criticized ....Mar. 21-A
Reopening Of Rockland Plant Brings Smiles .....Mar. 32-A
Seafood Ports Idea Promises More Landings From South .....Mar. 11-A
Balao Bait Fishery Is Profitable .....Mar. 1-B
Alaskans Buy Factoryship In Quick Venture ....Mar. 18-A
Grounded Lightship Rescued By Overland Trip .....Mar. 14-B
Top U.S. Ports Ranked By Fisheries Service ....Apr. 10-A
Mariners Claim Metrics Blend Poorly With Sea .....Apr. 6-B
Optimistic Watermen See Better Days For Chesapeake .....Apr. 25-A
Delaware Pilots Relinquish Ship For Land-Based Operations .....June 5-B
Wood Lobster Trap Makers Enjoy Highliner's Year .....June 6-B
U.S. Metric Move Seen As Long Overdue ....July 13-B
A Tale Of Those Who Sew The Sails .....July 12-C
Huge Eddy Of Warm Water Swirls Near Georges Bank .....July 23-A
Packers Directory Omitted Six Firms From 1976 Report .....July 25-A
Wormers Win Raise But It May Be Loss .....Aug. 13-A
Popularity Of Ala. Boats Holding Strong In Gloucester .....Aug. 3-C
Two Fla. Men Net Sawfish, Release Him .....Aug. 11-A
Southeast Fishermen Missing Boat On Finfishing .....Aug. 3-B
A New Life For The Kokanee .....Aug. 6-C
Replica Of Steamer To Cruise Maine Lake ..Aug. 17-C
Tall Ships Parade Worth It Despite Promotion .....Sept. 12-A
Artist Sees Other Side To Tall Ships Parade ..Sept. 13-A
Engineer Adds To Fuel Bug Story .....Sept. 32-A
Hard-Nosed Swordfish Endangers Boat And Crew .....Sept. 16-A
Fishermen Get Carry-Over Aid From Canada ..Sept. 21-A
National Fisherman's Trip To Georges Bank....Sept. 1-B
Marinas Slated For Humboldt And Bodega Bays .....Sept. 24-A
Joint U.S. - U.S.S.R. Venture Announced .....Oct. 3-A
Basking Shark Incident Reported By Writer ..Oct. 5-A
For Fishermen, It's A Festival Time Of Year .....Oct. 8-B
Halifax To Host World Fishing Exhibition 1977 .....Oct. 14-B
Model Of Chesapeake Should Answer Score Of Questions .....Oct. 7-B
Soviets Make Plans To Meet Fishery Needs .....Nov. 15-D
Changes In Catch Of Maine Species Predicted ..Nov. 12-A
Five Years May See Revival Of Hurting Northeast .....Nov. 14-A
Old Cutter Won't Fade, Or Anything .....Nov. 23-A
Essex Displays Maritime Legacy In Shipbuilding Museum .....Nov. 20-B
Fine Quality Sails Produced In True Cottage Industry .....Nov. 19-B
Matinicus — Fishermen's Island .....Nov. 1-D
90' Baltimore Clipper Replica Nears Completion .....Nov. 29-B
Shore Fisherman Can Make A Buck In The Surf .....Dec. 2-B
Subsidy Is A Word Of Many Strange Meanings .....Dec. 6-B
Two Federal Programs Help Fishermen Buy, Repair Boats .....Dec. 7-B
Problems Licked By Joining Of Gloucester Paint Makers.....Dec. 12-B

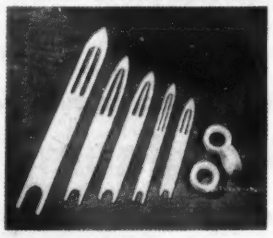
NEW VESSELS

Desco Marine Designs Northern Water Trawler .....Jan. 1-C
Hanna Craft Is New From Farrin .....Feb. 3-C
Woods Hole Gets New Research Ship .....Feb. 7-C
Father-Son Team Delivers Monk-Designed Seiner .....Feb. 10-C
Pemaquid Sloop, Pulling Boats Latest Basil Day



Want the BEST Commercial Floats and Mud Rollers?

Ask for NECO!



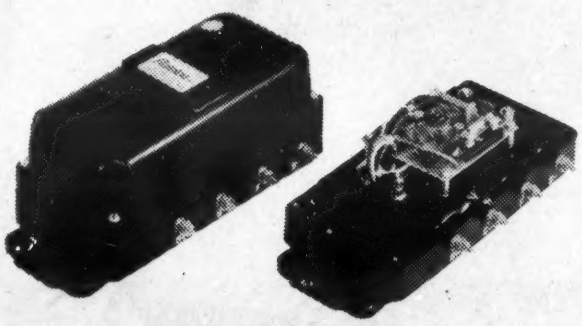
Durable Neco floats and mud rollers are available in a full range of sizes and shapes. Fabricated from high impact styrene for maximum weather resistance with minimum maintenance and long trouble free service. Guaranteed not to leak!

Neco Netting Needles & Sail Thimbles designed for comfortable handling and long service life. Available in 5 standard sizes. Lightweight, economical sail thimbles.

NECO Division of Neumann Engineering & Mfg. Co.
32700 Industrial Ave. • Madison Heights, MI 48071 • Ph. (313) 585-2595



VOLTAGE REGULATORS RELIABLE—COMPACT
For 110 VDC Systems



Eliminates damaging line surges • Use on any Generator or Alternator system • Protects electronic equipment • Quality construction • For field currents up to 10 amps • Current Limiting optional • Also available for 12V, 24V and 32V battery systems

For more information, write or call

Ratelco INC
ELECTRONICS MANUFACTURERS
610 Pontius Ave. N., Seattle, Wash. 98109
P.O. Box C-19080 • (206) 624-7770
Telex: 32-1200 (RATELCO SEA)



THE Nelco Loran PUTS YOU WHERE YOU WANT TO BE.

Dependable. Accurate. Flexible. Modestly priced. That's the Nelco Autofix 500. And with A&C Cycle Matching, the Autofix 500 offers full coastal navigation with either today's loran A or tomorrow's loran C. Add cycle matching and auto tracking to 1/10 microsecond readings plus quick and easy operation, and you have the industry's best loran value.

Other Autofix 500 features include:
☐ Exceptionally sensitive receiver.
☐ Deadly accurate readings.
☐ Sunlight viewable displays.
☐ Unsurpassed universal power supplies.
☐ Low cost factory servicing.

Nelco Autofix 500:
A&C Cycle Matching Loran $2,195
Loran A $1,850

Write today for complete specifications. Then you'll be where you want to be . . . with Nelco.

NELCO
Nautical Electronics Company
7095 Milford Industrial Road
Baltimore, MD 21208
301/484-3284

Products .....Mar. 3-C
Lin Gamage Launches 43' Dragger .....Mar. 6-C
400' Icebreaker A Force To Reckon With ....Mar. 17-C
Behan Sure Partyboat Gamble Will Pay Off .....Apr. 13-C
New Seiner Has Everything, Including A Bathtub .....Apr. 7-C
Cap Pele, A Stern Trawler To Make Money ....May 6-C
Henry Tosi Upgrades With 36' Lobsterboat .....May 7-C
Ferro-Cement Endurance Launched After 7 Years .....May 15-C
Wallace-Designed Craft Built By Webber ....July 3-C
Young Fishermen Man New Gloucester Boats .....July 10-C
Six Seiners For Anchovy .....July 1-C
A Yacht In The Grand Style .....Aug. 1-C
Maine Patrol Boat To Undergo Stability Tests In R.I. .....Aug. 13-A
Pair Of Ed Monk's Trollers Built For Californians .....Aug. 1-C
Bahamanian Lobsterman Is Expanding His Fleet .....Aug. 10-C
Double-Planked Lobsterboat By Hodgdon....Sept. 10-C
New Craft A Carroll Lowell Creation ....Sept. 10-C
Old Virginia Yard Sends Lobsterboat North ..Sept. 11-C
Barge Is Afloat With The Sound Of Music .....Oct. 3-C
First Concrete Boat Built In Desperation .....Oct. 19-C
New Halibut Schooner Strong, Able, Luxurious .....Oct. 6-C
Maine Patrol Vessel OK, Independent Test Shows .....Nov. 7-B
Rugged Yacht Carries Famous Fishboat Name .....Nov. 9-B
New Bedford-Built Dragger Departs From Strong Trend .....Nov. 11-B
Mainer Plays Hunch And Wins On Florida Boat .....Nov. 29-B
New Crabber Working With Latest Gear ....Nov. 6-B
Alaska Orders Two Roughwater Patrol Boats .....Nov. 15-B
65' Planing Hull Passes All Tests With Ease..Dec. 9-C

## OIL

Operators Give Their Side Of Oil/Fish Hassle ..Feb. 8-B
High-Flying Snooper Slick At Spotting Oil .....Feb. 23-A
Offshore Oil Tract Announcement Upsets Many ..Apr. 30-A
N.J. Lobstermen, Oil Firms Work Out Damage Claims .....Apr. 3-B
Steuart Faces Defeat In Oil Refinery Battle ..Apr. 16-B
Fishermen's Friend Set To Battle As Oilmen Move.....May 16-A
Latest Worry For Tanker Builders Is Pipeline's Effect .....June 11-B
Fishing, Shipping Neglected In Atlantic Oil Rush .....July 15-A
Fishermen Gird For The Battle For Kachemak Bay .....July 16-A
Oil And Gas Tracts Are Sold .....Oct. 17-A
Brown & Root Proposal Fires Eastern Shore Battle .....Nov. 24-A
58' Skimmer Saves Lost Oil For More Useful Purposes.....Nov. 17-B
Tragedy Of Tanker Grounding Emphasized ....Dec. 17-A
Washington Determined To Control Tankers In Puget Sound .....Dec. 16-A

## OYSTERS

Delaware Oyster Beds Revived .....Jan. 4-B
Oyster Shortage Possible Says Va. Packer ....Jan. 13-A
Oyster Loss Feared From Low Tides .....May 11-A

## PEOPLE

Firing Of Maine Fisheries Head Sets Off Hassle .....Jan. 2-A
Tom Barrie's Career Led From Ships To Courtroom .....Jan. 1-B
Wyman Walks Into Buzz Saw At Hearing ....Feb. 4-A
First Highliner Has Done Much For Fisheries .....Feb. 6-B
Vinal Look Gets Me. Post Despite Opposition ..Mar. 2-A
Douglas Elected Head Of Potomac Agency ....May 23-A
Seattle Supervisor Blends Informality, Efficiency .....May 12-B
Ex-Fisherman Nets Dollars Pleasing Public's Palate .....June 12-B
Oregon School Teacher Learns That People Want His Boats .....June 15-C
Noted Historian S.E. Morison Dead At 88 ..July 5-A
Ex-Merchant Mariner Likes Life of Deepsea Fisherman .....July 11-B
Columbus Returning To America .....Aug. 15-C
Highliner Title Reflects Joe Easley .....Aug. 3-A
John Gardner Has Served NF Readers For 25 Years .....Sept. 9-A
Maine People Seek Funds For Lobsterman Statue .....Sept. 4-A
Hargis Indictment Decried By Friends.....Sept. 5-A
Eagle Scout Is Acclaimed For Rescue .....Sept. 12-B
Fred Gaeng Builds And Runs Tight Ship ....Sept. 12-C
Dean Stephens Qualifies As Master Builder ..Oct. 8-C
Lighthouse Service's Chet Adamson Retires ....Oct. 13-B
Hargis Cleared Of Charges; Backers Want Counter Probe .....Nov. 25-A
Retired Builder's Wheels Steering Him In New Direction .....Dec. 10-B
Zatz Implicated In Murder.....Dec. 19-A

## POACHING

NW Poachers Hunt For Available Salmon ..Nov. 19-A
Fla. Fishermen Fight Poachers From The Air .....Nov. 16-A
Air Attacks Effective On Fla. Poachers .....Dec. 24-A
Poachers Face Competition In Greenwich, Conn. .....Sept. 7-B

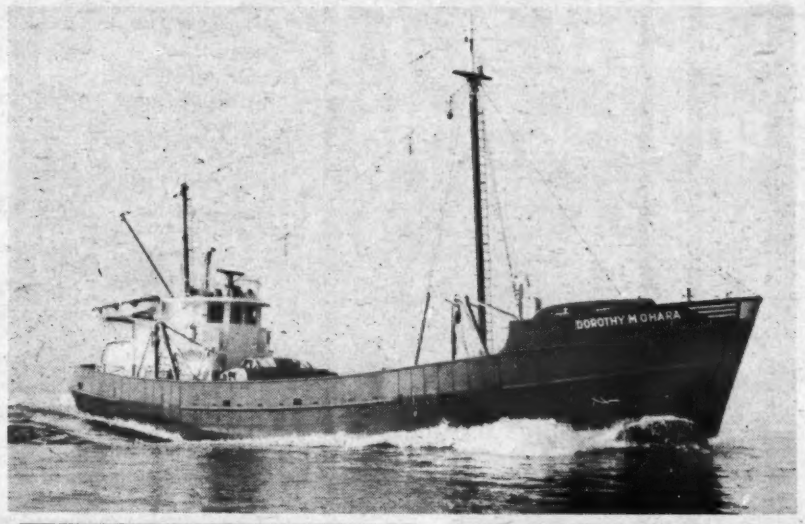
## POLLUTION

1972 Discharge Law Modified .....Jan. 23-A
Hot Words Fly Over Dumping Sludge At Sea ....Apr. 27-A
Chesapeake Spill Called Ecological Disaster ..Apr. 28-A
PBC's In Hudson Stripers Point Up Hazards....Apr. 1-B

(Continued on next Page)

TIP TOP BRAND frozen OCEAN PERCH Fillets
CAPE ANN BRAND OCEAN PERCH FROZEN FILLETS
DOWN EAST BRAND frozen OCEAN PERCH Fillets

COMPLETELY EQUIPPED TO HANDLE MAINE SHRIMP




Finest Facilities at Rockland
for Docking, Unloading
Icing and Fueling
at our Modern Processing Plant

DEALER FOR
TEXACO MARINE PRODUCTS
CRYSTAL CLEAR ICE
In BLOCKS or CRUSHED

NEW SERVICE PROVIDES
TRUCK RE-ICING BY BLOWER
24 hours a day

OUR FLEET OF NEW TRAWLERS
Dorothy M. O'Hara • Francis J. O'Hara
Robert F. O'Hara • J. Bradley O'Hara
Araho II • Robert J. Powell
Massachusetts

F. J. O'HARA & SONS, INC.
OF ROCKLAND
PRODUCERS and Distributors of Fresh and Frozen Seafood

TRAWLING EQUIPMENT & FISHING SUPPLIES

Distributors Of
Mobil
MARINE PRODUCTS
Tanker Service
for Boston Harbor Area
Deliveries up to 20,000 gals.

BOAT MANAGEMENT
Fish and Shrimp Brokers for
Domestic & Foreign Producers

Stock also carried at
ROCKLAND, MAINE
Tel. 207-594-4444

A Full Line for All Your Needs
Complete Stock of Trawling Wire

NATURAL FIBER and SYNTHETIC NETTING
MANILA and POLYPROPYLENE ROPE

F. J. O'HARA AND SONS, INC.

211 NORTHERN AVENUE BOSTON, MASS. 02210
Telephones: 617-542-4816 or 617-542-5713
Home Phone: Bradley O'Hara 587-8387

River Reopened After Pollution Closure ....Apr. 19-A
Way Sought To Stem Chemical Glut .....May 19-A
Fishermen Tackle Corps In Browns Bank Battle .....June 12-A
N.J. Clammers' Hopes Wilt As Rivers Stay Polluted .....June 13-A
Ghost Oil Slick Haunts West Coast .....June 16-A
Cape Cod Fisherman Fined In Unusual Case ....July 21-A
N.J. Fisheries Near Collapse As Pollution Grows .....July 2-B
Slow Reaction To Emergency Intensified Chesapeake Spill .....Aug. 17-A
Fishing Resumes But Kepone Effects Not Over .....Aug. 16-A
Arrow Spill Is Evident At Chedabucto .....Aug. 18-A
Offshore Sewage Dumping Brings Tempers To A Boil .....Aug. 36-C
Huge Fish Kill Blamed On N.Y. Sludge .....Sept. 4-A
Effects Of Kepone Checked; More Traces Found .....Sept. 21-A
Kepone Resistence Keeps James River Closed .....Sept. 9-B
Wheels Begin Turning On PBC Pollution .....Oct. 9-A
Acid Barge Capsizes In Chesapeake.....Oct. 5-A
Sewer Problems Bedevil Gloucester Processors .....Oct. 13-A
Virginia Industry Likely Kepone Victim .....Oct. 15-A
Kepone Problem Haunts Virginians .....Nov. 28-A
Fish Kill In N.Y. Bight Traced To Lack Of Oxygen .....Dec. 31-A
Controls Finally Placed On Use Of Chemicals ..Dec. 27-A
3 Loads Of Clams Called Unfit By N.J. Dept. Of Health .....Dec. 11-A
7 Maine Sardine Plants Fail To Meet Deadlines .....Dec. 3-A
ASMFC Plans Attack On N.Y. Bight Pollution .....Dec. 14-A
Public Aroused As Fish Kills Continue In N.Y. Bight.....Dec. 15-A
Florida's Swordfish Bonanza Choked By FDA .....Dec. 8-A

## RESEARCH

Research Shows Promise For Calif. Squid Fishery.....Jan. 6-B
Temperature Seen Key To Herring Fecundity ..Apr. 4-B

## SAFETY

Conditions Promoting Freak Waves Deduced .....Jan. 9-B
Alaska Fishermen Join In Safety Push .....May 14-A
Stability Factors Of Vessel May Appear Unexpectedly .....May 6-B
Alaskan Chooses Oversized Dory For Safety ....May 12-C
Smart Use Of Throttle Can Help In Tight Spots..June 4-B
It Helps To Know Towing Tactics .....July 4-B
Proper Siting Of Ship's Liferaft All-Important .....Aug. 16-C
Crabber Blaze Shows Hazard Of Foam Insulation .....Sept. 8-B
Gabbers Reduce CB Usefulness .....Sept. 15-C
Humboldt Fishermen Think Tower Needed To Save Lives, Boats .....Oct. 24-A
Fishboats Must Be Built For Job, Not Price, Says Hamlin.....Nov. 33-A
Poorly Designed Sea Cocks Will Irritate Or Sink You .....Nov. 10-B

## SALMON

Wash. Salmon Season Ends With Bitterness .....Jan. 11-A
Heavy NW Floods Rip Salmon Streams ....Feb. 2-A
New England Fish Co. Concerned By Salmon Decline.....Feb. 15-B
Supreme Court Upholds Boldt .....Apr. 20-A
Computer's Ignorance Kills Million Salmon .....June 19-A
New Fish Ladder In Seattle Eases Spawner's Battle .....July 1-B
Coho Hatchery To Shut Down Just As Payoff Nears .....Aug. 3-B
Alaskans Move To Restore Salmon Runs.....Sept. 14-A
Secret Hydro Project Could Ruin Fraser Salmon Fishery .....Sept. 17-A
Wash. Troll Fishery Gets Caught In Wringer ..Sept. 25-A
Humptulips Hatchery Washington's Latest .....Oct. 12-A
Alaskans Record Excellent Salmon Catches .....Oct. 14-A
Boldt Ruling Now Vexing IPSFC .....Oct. 17-A
Wash. Netters Ram Home Opinions .....Dec. 4-A
Expected B.C. Salmon Run Fizzles .....Dec. 4-A
Successful Salmon Farm May Suffer Ironic Hurt .....Dec. 4-B

## SHELLFISH

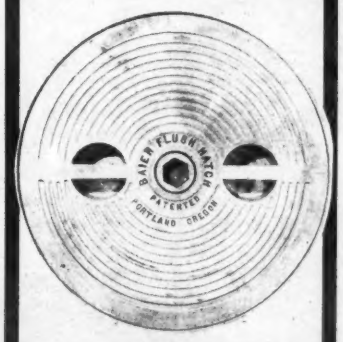
FDA Delays Use Of Controversial Shellfish

**ALUMINUM SPARS . . .**
AND THEIR FITTINGS FOR YACHTS FROM 22' to 50'
• • •
★ Anodizing to 60' lengths
★ Custom work, production runs or components for your assembly
★ Exceptional quality
★ Largest stock on the East Coast
• • •
COMPLETE SPINNAKER GEAR
REACHING STRUTS, GENOA GEAR
ANODIZED ALUMINUM & TAPERED
S.S. STANCHIONS
**METALMAST MARINE, Inc.**
(203) 928-2774
55 Providence St. Putnam, Conn.

**FASTEST IN THE EAST OR WEST!**
**THE FREEMAN HATCH . . .**

Say goodbye to lost cover wrenches; the Freeman Hatch handle is always there and all it takes is a quarter turn, a matter of one or two seconds. Fits flush to the deck, the hatch can be opened from above or below. Absolutely watertight at 30' head. Successfully tested by the Kodiak crab fleet in the Bering Sea, the hatch is approved by the U.S. Coast Guard for use in their own boats. Easily installed in any boat.
Manufactured from aluminum, stainless steel, nylatron and neoprene. Available in 15" and 18" round or 15" by 24" oval (with or without hinges). For more information, contact:
**FREEMAN MARINE AND EQUIPMENT**
P.O. Box 781
Gold Beach, Ore. 97444
(503) 247-7936

**YOU ARE LOOKING AT THE BEST THING THAT EVER HIT THE DECK**




**THE BAIER HATCH**
Preferred by quality-conscious boat-builders. Specified by knowledgeable boat-owners.
BAIER HATCHES, THE WORLD'S SAFEST AND EASIEST TO OPEN, ARE TESTED AND GUARANTEED WATERTIGHT AT 25 FEET HEAD.
**L.S. BAIER & ASSOCIATES**
4536 S.W. MACADAM
PORTLAND, ORE. 97201
503 • 226-4165
Eastern Representative
MARINE PRODUCTS & ENGINEERING
20 Vesey Street,
New York, NY 10007

CUSTOM
**ALUMINUM FABRICATION**
FOR FISHBOATS AND CANNERIES
DESIGNED AND BUILT TO CUSTOMER SPECIFICATIONS
• ALUMINUM FISHBOATS
• ALUMINUM SEINE SKIFFS
• BOAT TANKS • WHEELHOUSES
• TROLLING POLES • DRUMS
• "A" FRAMES
• ANCHOR WINCHES
• CANNERY WORK OF ALL TYPES
**ALFAB, INC.**
178 West Dayton
Edmonds, Wash. 98020
Tel. (206) 776-8222

Rules .....Feb. 16-A
Scallops Are Major Fishery Of Mass. Islands ....Mar. 6-B
Sneaky Abalone Thieves Nabbed By Warden ..May 5-B
Cape Anners Adjusting To Red Tide Problems ..Aug. 6-B
Alaskan Shellfish Rules Stir Up Controversy .....Aug. 24-A
Protests Pay Off For U.S. Shellfish Industry ..Sept. 4-A

**SHIP PRESERVATION**
(See also John Gardner)

Hudson River Gets To Clearwater.....Mar. 20-C
A Way To Save Historic Ships.....Feb. 8-A
Classy Steam Tug Retired But Not Discarded ..Feb. 10-B
Gloucester Goes It Alone On Blackburn Sloop .....Mar. 18-C
R.L. Stevenson's Vessel A $200,000 Challenge .....Mar. 19-C
Feedback On Ship Preservation .....May 9-C
Feedback On Ship Preservation .....June 24-A
Yard Saves First Vessel As Memorial .....June 7-C
Another Chance For The Chauncey .....June 14-A
Small Vessels Can Offer Square Rig Training .....July 8-C
Century-Old Maine Schooner Starts New Career .....July 20-C
Ex-Norwegian Cargo Vessel Undergoes Striking Change.....Aug. 7-B
Steam Launch Gliding Toward Century Of Service.....Aug. 14-C
Historical Luckimee Reborn As A Scalloper .....Oct. 18-C
The Hercules Is Harry Dring's Baby Now ..Oct. 1-B
Master Rigger Likes Gang System .....Dec. 17-C

**SHRIMP**

Too Many Men And Boats Make Fla. Shrimping Risky.....Jan. 12-A
Northern Shrimp Fishing Closure Set For April 15 .....Feb 4-A
Government Has Ear Pounded Concerning Shrimp Imports ....Apr. 16-A
Top Shrimp Catch Predicted For S.C. Vessels .....May 10-A
Regional License To Make Shrimping Easier....May 3-B
Galveston Shrimpers Say "We Won't Move!" ..May 8-B
Proposed Turtle Protection Could Hinder Shrimp Effort .....June 10-A
Flabby Support Charged On Shrimp Import Decision .....July 10-A
Texas Salt Pond Producing Shrimp .....Aug. 3-B
S.C., Georgia Tangle Over Shrimp Area .....Nov. 24-A

**STORMS**

Winter Gale Gives NE Fishing Areas A Thrashing .....Apr. 4-A
Nova Scotians Record Worst Blow .....May 22-A

**TUNA/PORPOISE**

Porpoise Problem Can't Be Ignored.....Jan. 16-A
Tunamen Get Tough Word On Porpoise .....Feb. 2-A
NE Bluefin Fishermen Irked By Low Quotas .....Feb. 19-A
Pacific Tunaboat Captains, Mates Make Voices Heard .....Mar. 16-A
Tuna Hunters In Political Fight For Livelihood .....Apr. 13-A
Record E. Pacific Catch Makes Top Tuna Year .....Apr. 11-A
Tough Bluefin Tuna Regs Proposed.....June 11-A
Tuna Seiners Socked Hard By Federal Judge....July 2-A
Price Fixing Of Tuna Under Investigation .....July 7-B
Environmentalists Fight To Head Off Move By Industry .....Aug. 3-A
Revised Bluefin Rules Have New Weekly Limit .....Aug. 10-A
Tuna Industry Gets Reprieve; Mexico May Exclude Superseiners .....Aug. 3-A
Early Start, High Prices Noted For Albacore Season .....Aug. 11-A
Albacore Tracking Reveals Habits Of Species....Aug. 5-B
Possible Porpoise Slaughter Solution Found .....Oct. 22-A
Court Okays Tuna Seining On Porpoise Till Jan. .....Oct. 23-A
Delay In Tuna Opening Seen Costing Millions .....Dec. 3-A

Now! A SUPERIOR SNATCH BLOCK
Designed by Lobstermen to meet their Tough Requirements!

*Check These Features:*

- Large 4" Diameter Sheave and Extra-Capacity Throat Pass Knots with Ease
- Unique, Double-Sealed Ball Bearing Protection
- High-Capacity Ball Bearings, Lubricated for Life
- Rugged Herculoy Bronze Hook
- Strong Aluminum Alloy Casting

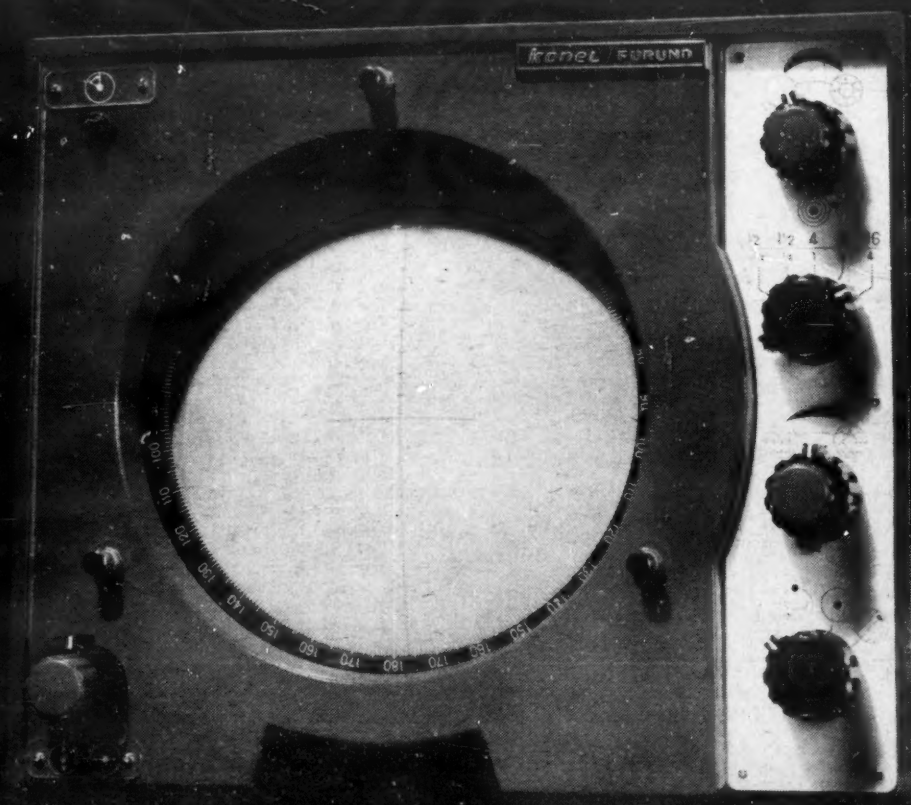
Manufactured and Sold by
BRACKETT MACHINE Inc.
MARINE MACHINISTS
Tel. 207-854-9789
Formerly Orr & Jennings, Inc.
P.O. Box 7, Westbrook, Maine 04092
Fisherman's Discount Price $59.50 f.o.b. Westbrook

konel

The best small radar in the world.

What makes it best? All-metal construction. 16-mile range. Picture off-centering. 7-inch CRT, 12-inch magnifier. Tough commercial stamina. Konel/Furuno reliability: The KRA-116. In a class by itself.

See a Konel dealer or write 271 Harbor Wy. So. San Francisco, CA 94080.




konel/FURUNO KRA-116

# 1977 NF Yearbook Advertiser's Index


—A—

Activation, Inc. .... 48
Advanced Marine Electronics .... 19
Air Vue, Inc. .... 34
Aircraft Spruce & Specialty Co. .... 131
Alaska Marine Engine, Inc. .... 43
Alfab, Inc. .... 166
Amdec .... 9-E
The Anchorage, Inc. .... 102
Armco Steel Corporation .... 101
Atlantic Resources, Inc. .... 12
Atlantic Survival .... 27
Aucoot Cove Boat Yard, Inc. .... 1

—B—

L.S. Baier & Associates .... 166
Baldwinsville Boat Yard .... 16
Beacon Industries, Inc. .... 25
Beckson Manufacturing, Inc. .... 11-E
Jay R. Benford & Assoc., Inc. .... 42
Beverly Harbor Marina .... 26
Charles M. Bevis Associates .... 45
Blount Marine Corp. .... 3-E
Blue Water Boats, Inc. .... 160
Bon Secour Fisheries, Inc. .... 87
Boston Diesel Service, Inc. .... 36
Brackett Machine, Inc. .... 167
Brailsford Associates .... 7
G. Brandano Pools, Div. Plastic Supply Inc. .... 108
Bridgeport Silverware, Subsidiary of Bead Chain Mfg. Co. .... 23
The Brocks Electronics Corp. .... 28, 29
K.G. Brown Mfg. Co., Inc. .... 66
Brownell & Co., Inc. .... 18
The Brownell Net Co. .... 6
Bruno & Stillman .... 63
Bumble Bee Shipyard .... 59
Burr Bros. Boats, Inc. .... 14

—C—

Canor Plarex .... Cover 4
Cape Fishermen's Supply, Inc. .... 12-E
Capitol Gears, Inc. .... 13
Capt'n Supply Co., Inc. .... 86
Carlisle Tire & Rubber Co. .... 5
The Carlon Products Co. .... 30
E.H. Carruthers Co. .... 40
Carvel Hall .... 102
Caterpillar Tractor Co. .... 103
Central Seaway .... 18
Chase, Leavitt & Co. .... 10
Chem Tech, Inc. .... 31
Chesapeake Workboat Co., Inc. .... 71
Cloudy & Britton, Inc. .... 2
Clytie Corp. .... 7
C.M. Marine, Inc. .... 126
Coastal Plastics .... 15
Coatings Engineering Corp. .... 6
Cobalt Marine .... 12-E
Columbian Bronze Corp. .... 155
Commercial Fishing Supplies .... 41
Communication Associates, Inc. .... 77
Communications, Inc. .... 92
Concordia Company, Inc. .... 107
Conde Pumps .... 32
Connecticut Ford Power Products, Inc. .... 150
Cornell-Carr Co. .... 131
Cummins Diesel Sales Corp. .... 44
Currin-Greene Shoe Co. .... 22

—D—

Damariscotta Boats .... 10
Daws Engine Generator Service, Inc. .... 37
Desco Marine .... 45
Detroit Diesel Allison .... insert
Digital Marine Electronics Corp. .... 9
Dion's Yacht Yard, Inc. .... 38
DiPietro-Kay Corp. .... 84, 152
Douglas Machine Works .... 100
Downeast Machine & Engineering, Inc. .... 7-E
Duwamish Shipyard, Inc. .... 4-E

—E—

Eastern Welding Co. .... 17
C.G. Edwards Co., Inc. .... 80
Electra Yacht, Inc. .... 11-E
Electro-Nav .... 136
Embarcaciones .... 130
Engine Distributors, Inc. .... 110
Engines, Inc. .... 4
Epsco, Inc. .... 156
Espar Products, Inc. .... 113
Essex Boat Works, Inc. .... 44
Essex Machine Works .... 12

—F—

Fairhaven Marine, Inc. .... 12-E
Farm Credit Service .... Cover 2
Bruce A. Farrin, Boatbuilder .... 39
Felsburg Associates, Inc. .... 82
R. W. Fernstrum & Co. .... 61
Finest-Kind Bait Div., Seapro .... 107
Fish Expo .... 143
Fisher Power Equipment .... 30
Fisheries Supply Co. .... 58
Fishermen Supply Co. (Portland) .... 67
Fishermen's Metal Products .... 42
Fishermen's Supply Co. .... 153
Flagship Marine Engines .... 57
Fletcher's Paint Works .... 153
Foss Launch & Tug .... 39
Fram Automotive Div. .... 145
Freeman Marine & Equipment .... 166

—G—

Gemtronics .... 161
John W. Gilbert Associates, Inc. .... 49
Gladding Corp., Cordage Div. .... 46
Globe Rubber Works, Inc. .... 138
Gowen, Inc. .... 30
Graham Marine Electronics, Inc. .... 84
Granite State Machine Co., Inc. .... 107
Griffith Marine Navigation, Inc. .... 16
R.B. Grove, Inc. .... 67

—H—

Hampton Shipyard .... 40
Hancock Marine .... 2-E
Hansen Marine Engine .... 14
Harris Co., Marine Division .... 43
Harris Electric, Inc. .... 66
D.F. Harris & Sons .... 19
Hathaway Machinery Co., Inc. .... 109
Hawkline Boat Co. .... 82
Heath Tecna Corp. .... 52
H & H Propeller Shop, Inc. .... 14
Holland's Boat Shop .... 33
Housatonic Ever-Float Co., Inc. .... 46
Hudson Point Marina .... 152
Hulls Unlimited-East, Inc. .... 76
Hundested Motor & Propeller Fabrik Ltd. .... 40
Hynautic , Inc. .... 10

—I—

Ideal Windlass Co. .... 100
IMP Group, Ltd. .... 32
Imperial Mfg. Co. .... 153
International Marine Publishing Co .... 117
Richard Irving, Boatbuilder .... 163
Island Fish Net & Supply Co., Inc. .... 153
ITT Jabsco Products .... 26

—J—

Jackson Rope Co. .... 16
J.C. Boat Works, Inc. .... 47
Johnson & Towers, Inc. .... 83
Johnson Rubber Co., Marine Div. .... 122
C. Sherman Johnson Co., Inc. .... 37

—K—

D.N. Kelley & Son, Inc. .... 22
Kennebec Maintenance Co. .... 59
Kem Equipment Inc. .... 36
Henry Knese, Inc. .... 33
Kolstrand Supply Co. .... 34
Konel Corp. .... 167
W.A. Kraft Corp. .... 17
Krupp Atlas-Electronik Div. .... 2

—L—

Andre LaBonte .... 1
Lambeth Corp. .... 109
Lawson Products Corp. .... 70
Legnos Boat Building Co., Inc. .... 13
A. Barton Lewis & Co. .... 4
Life Raft Sales & Service, Inc. .... 138
Lima Electric Co., Inc. .... 66
Lindsey Boat Works .... 15
Loos & Co. .... 82
Lowell's Boat Shop .... 58
Lunde Electric Co., Inc. .... 15

— M —

Mack Boring & Parts Co. .... 8-E
Manchester Yacht Sails, Inc. .... 110
Marathon Yachts .... 35
MARCO .... 100
Marcraft, Inc. .... 108
Marine Development Corp. .... 137
Marine Diesel Engine Headquarters .... 22
Marine Fashion, Inc. .... 44
Marine Financial Consultants, Inc. .... 21
Marine Flotation Products, Inc. .... 11
Marine Gear Div., Inc. .... 35
Marine & Industrial Engines .... 24
Marine Industries, Inc. .... 21
Marine Management Corp. .... 23
Marine Transmission Service .... 142
Marine Travelift, Inc. .... 41
Marinovich Trawl Co., Inc. .... 73
Marshall Marine Corp. .... 11-E
Martin Marine Co. .... 67
The Massillon Wire Basket Co. .... 153
Mayfair Marine Service, Inc. .... 11-E
Mayflower Seafoods .... 36
McElroy Machine & Mfg. Co., Inc. .... 144
Fred I. Merrill, Inc. .... 1, 47
Metal Marine Pilot, Inc. .... 102
Metalmast Marine, Inc. .... 166
Micro Instrument Co. .... 86
Midland Co. .... 83
Mieco, Div. Poland Electronics, Inc. .... 111
R.A. Mitchell Co Inc. .... 70
Monmouth Marine Engines, Inc. .... 61
Morad Electronics Corp. .... 25
Morris Yachts .... 11-E
Morrow Electronics, Inc. .... 58
Murray Bros. Marine Products, Inc. .... 9
O. Mustad & Son (USA) Inc. .... 38

— N —

Narco Marine .... 38
Nauset Marine .... 53
Nautical Electronics Co. .... 164
Nautical Equipment Co. .... 32
Neptune, Inc. .... 10-E
Neumann Engraving Co. .... 164
New Bedford Ship Supply .... 71
New England Boat Builders, Inc. .... 80
New England Maritime Specialties, Inc. .... 150
New England Trawler Equipment Co. .... 120
Jarvis Newman .... 163
Newport Marine Engineering, Inc. .... 76
Norlantic Diesel, Inc. .... 42
North Star Ice Equipment Corp. .... 6-E
Northern Marine Electronics, Inc. .... 147
Norton Boat Works .... 34
Norton's Shipyard & Marina, Inc. .... 26
NWI Distributing .... 1

— O —

Ocean Propeller Co. .... 123
F.J. O'Hara and Sons, Inc. .... 165
Omnithruster, Inc. .... 71
Outboard Marine Corporation .... Cover 3

— P —

Paceno .... 130
Pacific Diesel Co. .... 10
Packaging Products Corp. .... 44
Parker River Marine, Inc. .... 11
Pathcom, Inc. .... 142
Penske GM Power, Inc. .... 21
Pigeon Hollow Spar Co. .... 37
Pisces Diesel Marine Engines - Fiskar, Inc. .... 163
Pleasurecraft Marine Engine Co. .... 8
Pointer Corporation .... 1
Portsmouth Yacht Co. .... 4
Power Products, Inc. .... 93
Priest Electronics, Inc. .... 45
P Squared Boats .... 131

— R —

Radar Devices, Inc. .... 36
Radar Electric Co. .... 26
Radiotelephone Service Corp. .... 48
Ratelco, Inc. .... 164
Raytheon Marine Co. .... 5-E
Res-Q-Raft, Inc. .... 3
Riley-Beaird, Inc. .... 120
E.S. Ritchie .... 136
RJS Marine Associates, Inc. .... 42
Robinhood Marina, Inc. .... 131
Rockport Yacht & Supply Co., Inc. .... 123
Rose Bay Boat Shop .... 33
Ross Laboratories, Inc. .... 97
Roughwater Boats, Inc. .... 128
Rowe Machine Works .... 107
Russell Harrington Cutlery, Inc. .... 48
C.E. Ryder Corp. .... 97

—S—

St. Augustine Trawlers .... 92
Scandia Propeller Service & Supply, Inc. .... 106
Sea Spike Anchors, Inc. .... 34
Sea-Trac Corp. .... 106
Seagull Marine .... 76
Seattle Marine & Fishing Supply Co. .... 14
SGC, Inc. .... 31
C.E. Shepherd Co., Inc. .... 17
Shipmate Stove Div. .... 123
Sideband Associates, Inc. .... 157
Sisu Boat Co. .... 4
Skookum Marine Construction, Inc. .... 61
Smiths Industries, Inc. .... 22
Sound Hydraulics & Equipment, Inc. .... 55
Southwest Boat Corp. .... 59
Spartan Research Corp. .... 46
Sperry Marine Systems .... 12
SRD Labs .... 130
Standard Fastenings, Inc. .... 18
Steiner Shipyard, Inc. .... 27
Sterling Net & Twine Co., Inc. .... 73
Stord Bartz A/S .... 162
Stroudsburg Engine Works, Inc. .... 37
Stuart Angler Corp. .... 7
Sunnfjord Boats, Inc. .... 126

—T—

Tacoma Marine Supply Inc. .... 53
Taled Electronics .... 11
Temco , Inc. .... 10
Tex's Engine & Cylinder Head Service .... 6
Thermo King Corporation .... 133
Thermo King of Portland .... 18
Thomson & Sons, Inc. .... 37
T.G. Tobey Co. .... 20
Towle Silversmiths (Carvel Hall) .... 102
Travaco Labs .... 73
Travelers Marine Engine Co. .... 155
F.L. Tripp & Sons, Inc. .... 25, 42
Trophy Marine Co. .... 67
Twin Disc, Inc. .... 113

—U—

Underwater Services of Maine, Inc. .... 30

—V—

Van Dusen & Meyer, Inc. .... 43
Vineyard Yachts, Inc. .... 24, 31

—W—

James K. Walker Marine .... 149
Wall Rope Works .... 120
Walter Machine Co., Inc. .... 83, 113
Way-Wolff Associates, Inc. .... 151
Webbers Cove Boat Yard, Inc. .... 9
Wellington Puritan Mills, Inc. .... 96
Wesmar .... 5
West Coast Propeller Service .... 20
Westerbeke Fishing Gear Co., Inc. .... 127
Whitney Screw Corp. .... 12-E
Wilcox Marine Supply, Inc. .... 130
Wind Specialty .... 46
Winninghoff Boats, Inc. .... 6
Wire Rope & Fittings Co. .... 32
Woodcraft Supply Corp. .... 80
Woodenboat Magazine .... 40

—X—

Xodar Corp. .... 94, 106

—Y—

Yawl Boats of San Pedro .... 139

—Z—

Zephyr Products, Inc. .... 113

# LOW CONTRAST